

METHODS, APPARATUS, AND SYSTEMS FOR REDUCING INTERFERENCE ON NEARBY CONDUCTORS

ABSTRACT OF THE DISCLOSURE

[000119] In a method of data transmission according to one embodiment of the
5 invention, data transitions having the same clock dependence are separated in
space. In one such method, signals of one set are transmitted on corresponding
conductive paths in one direction, signals of another set are transmitted on
corresponding conductive paths in the other direction, and adjacent conductive
paths that each carry a signal of one set are separated by at least one
10 conductive path that carries a signal of another set. In an apparatus according
to one embodiment of the invention, the conductive paths are fabricated on a
semiconductor substrate.

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